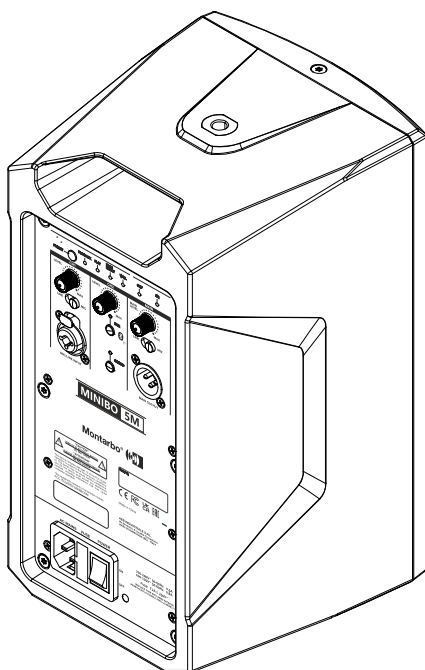
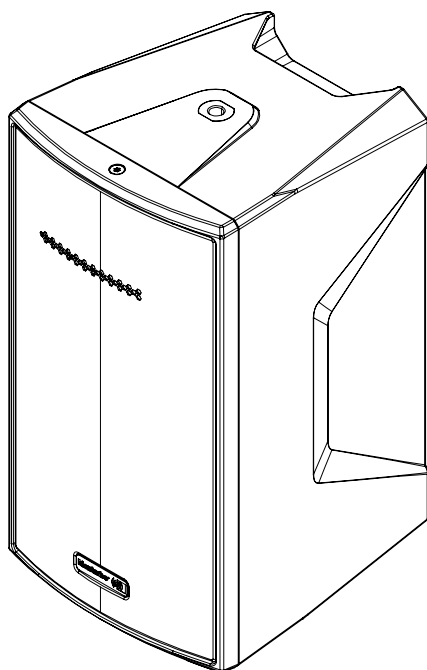




USER MANUAL - SECTION 1



MINIBO 5M

2-WAY ACTIVE SPEAKER

PRELIMINARY

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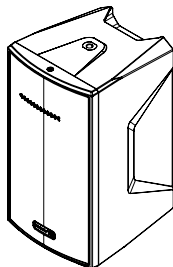
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1 PACKAGE CONTENTS

- 1 x MINIBO 5M loudspeaker
- 1 x User Manual - Section 1
- 1 x User Manual - Section 2
- 1 x Power supply cable specific for your usage area

The warnings contained in this manual as well as the information listed in "USER MANUAL - Section 2" must be complied with.

Thank you for purchasing a Montarbo product, an Italian company founded in 1962, always at the service of music and professional audio. Montarbo products, original and cutting-edge, are designed with the utmost attention to detail and durability over time. Reliability is in line with the high quality standards and sensitivity to environmental impact that distinguish the company.

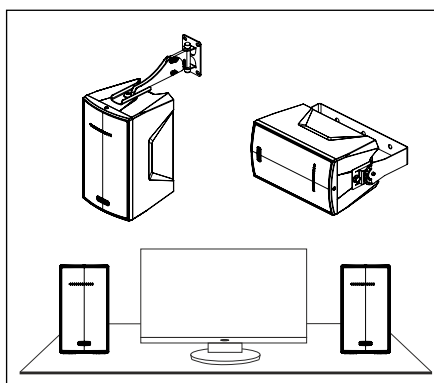


The MINIBO 5M active loudspeaker, equipped with integrated 2-channel mixer, combines portability and versatility. The use is diversified: from listening as a desktop monitor to a small PA system, thanks also to an input with Bluetooth® stereo and a DSP with 4 preset that adapt the acoustic performance to the different condition of use.

2 MECHANICAL/ACOUSTIC EQUIPMENT

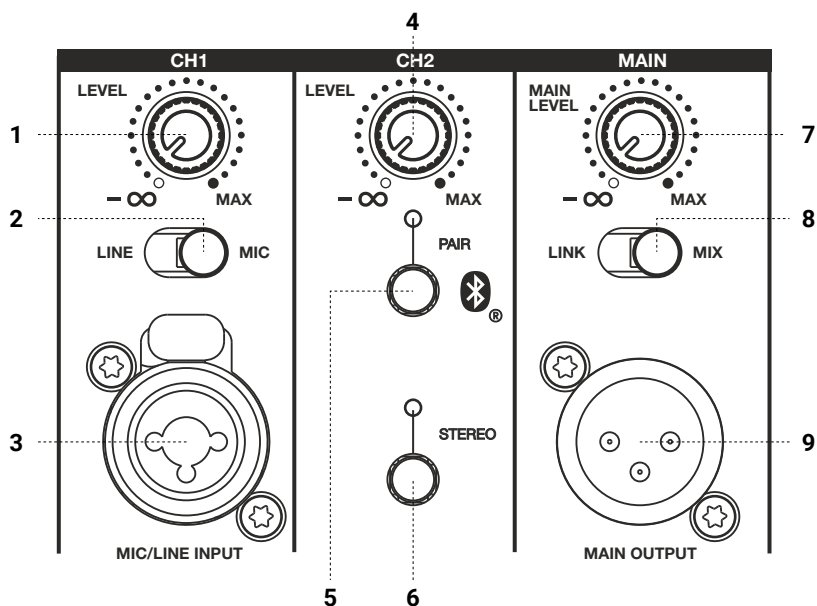
The loudspeaker, equipped with a 5.25" woofer (voice coil: 1.5") and a 1" tweeter (voice coil: 1"), is compact and ergonomic and capable of delivering up to 200 W peak. Mechanical design details include two M10 holes (one on the top and one on the bottom of the chassis) for wall or ceiling installation with dedicated accessories.

3 CONFIGURATION OPTIONS



**FOR FURTHER INFORMATION REFER TO
CHAPTER 10**

4 CONTROL PANEL



1 LEVEL CH1

This knob adjusts the level of channel 1, turn it to the right to increase the level, to the left to reduce it.

2 LINE/MIC CH1 SWITCH

Use this switch to adjust the input sensitivity.

3 MIC/LINE CH1 INPUT

6.35mm XLR/jack combo input for microphone, line signals.

4 LEVEL CH2

This knob adjusts the level of channel 2, turn it to the right to increase the level, to the left to reduce it.

5 PAIR

This key is used to pair and connect mobile phones or tablets. For the relevant procedure, refer to chapter 7 Bluetooth® CONNECTION. It flashes while the mobile device is being paired, while it is steady on when the connection is active.

6 STEREO LINK

Key for Bluetooth® stereo pairing to a second MINIBO 5M. The LED flashes during the pairing to a second MINIBO 5M, and steady on once the stereo streaming is ensured.

7 MAIN LEVEL

This knob adjusts the output level of the loudspeaker.

8 LINK/MIX

Through this selector you can choose whether the output signal to another speaker must be the one present in the inputs (LINK) or the one mixed between the three input channels and controlled by the MAIN (MIX).

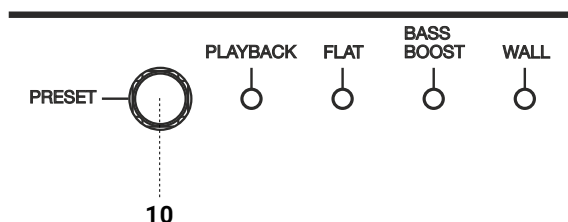
9 MAIN OUTPUT

This XLR-M output provides a balanced line level signal, its signal is set by its selector switch.

5 PRESET PANEL

10 PRESET KEY

Press this key to select the desired preset. Press the key several times to scroll through the selected preset, and the corresponding LED (PLAYBACK/FLAT/BASS BOOST/WALL).



6 POWER SUPPLY

11 MAINS INPUT

IEC input socket with integrated mains filter. Each package includes the necessary power supply cable, specific for your area. With the loudspeaker off, plug the power supply cable into this socket. For your safety, never disconnect the earth plug.

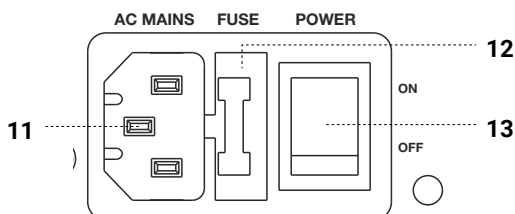
12 FUSE

Protection use.

WARNING: Only replace the fuse with one of the same type and with the same values. If the fuse continues to blow, contact an authorised service centre.

13 POWER ON/OFF

Switch for switching the active loudspeaker on/off.



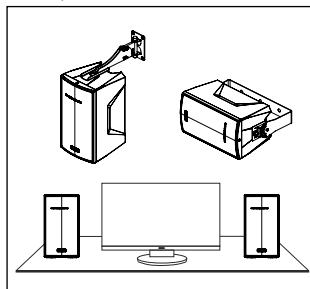
7 BLUETOOTH® CONNECTION

- Make sure that the device to be paired to the loudspeaker is switched on and ready for connection via Bluetooth®. With the loudspeaker on, press the PAIR key to activate Bluetooth® pairing. The relevant green LED will flash.
- Check on your mobile device that the name of the loudspeaker (e.g. MINIBO 5M) appears among the available devices.
- Select the loudspeaker model to pair your device. The perfect connection is indicated by the corresponding LED, which remains steady on.
- Adjust the CH2 and MAIN levels for the desired playback volume of the selected tracks in the paired device.

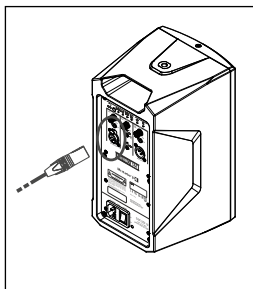
TO A SECOND LOUDSPEAKER

- On the first loudspeaker, already paired, press and hold the STEREO key for a few seconds. The blue LINK LED starts flashing.
- Turn on the second loudspeaker and press the PAIR button, whose LED starts flashing. Press then the STEREO key on the second loudspeaker: the relevant LINK led flashes for a few seconds (**NOTE: this last operation is required only the first time you pair the 2 loudspeakers**). Once paired, both the LINK LED of the first loudspeaker and the PAIR LED of the second loudspeaker remain steady on.
- Adjust LEVEL CH2 and MAIN of the second loudspeaker; the signal coming from the source device is emitted by both loudspeakers

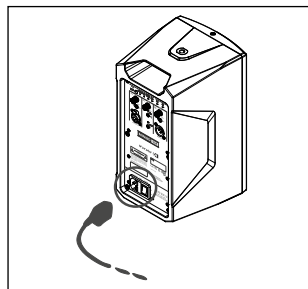
8 QUICK SETUP



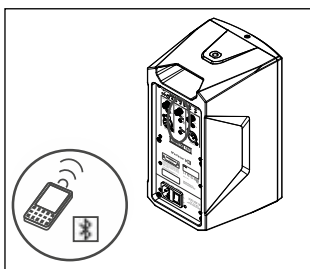
Place the loudspeaker according to the selected installation.



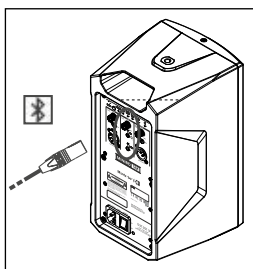
Connect the audio source to CH1 input (channel levels at zero).



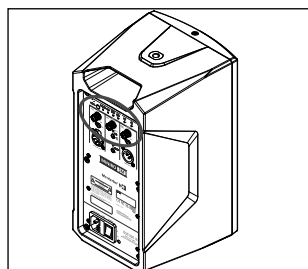
Plug-in the power supply cable and switch the loudspeaker on.



Switch on and pair the Bluetooth®.

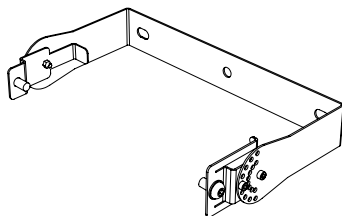


Connect additional loudspeakers (via Bluetooth® or via cables).



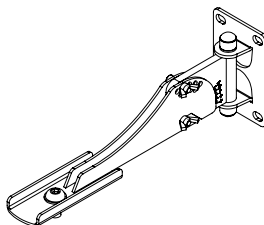
Adjust all volumes as desired, and select the correct preset.

9 ACCESSORIES



WB-5M

bracket for horizontal or vertical wall installation



TB-5M

bracket for vertical wall and ceiling installation

10 INSTALLATION EXAMPLES

Thanks to the dedicated accessories (not included), the positioning is intuitive.

WALL INSTALLATION

The loudspeaker can be installed on a wall both in horizontal or vertical way using WB-5M and TB-5M brackets (not included). Set the preset to WALL.

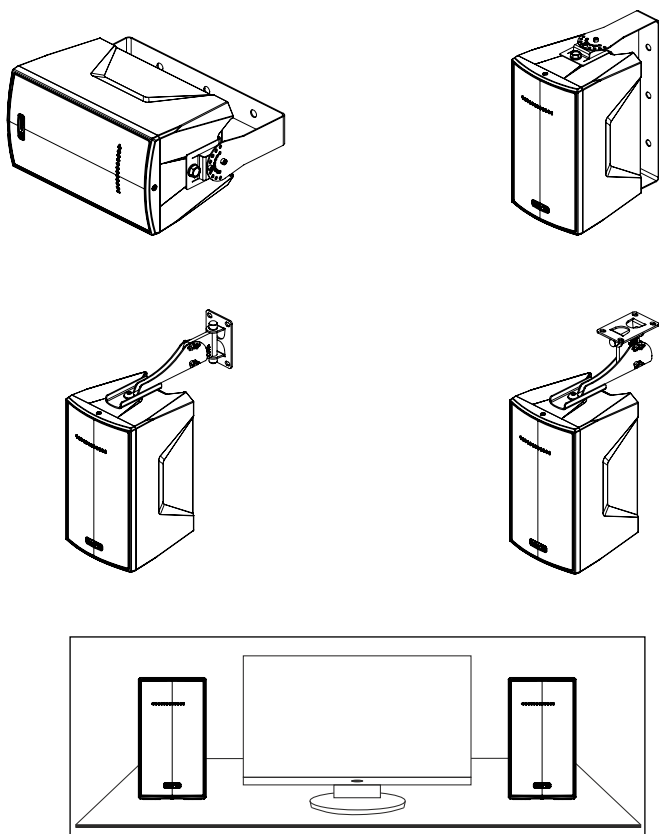
CEILING INSTALLATION

The loudspeaker can be installed on the ceiling by using TB-5M bracket (not included).

DESKTOP INSTALLATION

Place the loudspeaker on your desktop at an appropriate listening distance by selecting the "DESKTOP".

Refer to accessories user manuals for more information.



TROUBLESHOOTING

The speaker does not power up

- Check that there is a correct power supply upstream from the system.
- Check that the power cable with VDE connector is plugged in properly.

The loudspeaker turns on but produces no sound

- Check that the connection to the input of audio channel CH1 is correct.
- Check the cables for interruptions. Use only quality cables in good condition.
- Check that the audio sources are switched on and indicate output signal.
- Check that the CH1 input sensitivity is correct.
- Check that the Bluetooth® signal is correctly paired

The loudspeaker produces low or distorted sound:

- Check the cables for damage. Use only quality cables in good condition.
- Check the volume level of the channels
- Check the output signal from the paired Bluetooth® device

Background noise presence

- Turn power off and disconnect all connected devices.
- Check the signal from all sources to find out which one caused the problem.

TECHNICAL SPECIFICATIONS

Type	2-way active loudspeaker
MAX SPL (@ 1m)	118 dB
Frequency response (-10 dB)	
Frequency response (-6 dB)	70 Hz - 20 KHz
HF	1" exit (V.C.: 1")
LF	5,25" (V.C.: 1,5")
Coverage (H x V)	° H x ° V
Crossover frequency	2700 Hz
Amplification class	D
RMS power	100 W
Peak power	200 W
Operating voltage	100-240V~ 50-60Hz
Bluetooth®	5.4 TWS
I/O connectors	1x XLR/JACK TRS (Input) 1x XLR (Output)
Controls	Preset button Level CH1-CH2-MAIN CH1 Switch LINE/MIC Bluetooth®: PAIR/STEREO MAIN OUT Switch LINK/MIX
Fuse	T2A L 250V~
Mains power consumption at 1/3 of the power (maximum conditions of use)	0.8 A (115V~) 0.5 A (230V~)
Cabinet material	Polypropylene
Dimensions (L x H x W)	170 x 304 x 190 mm (6.69" x 11.97" x 7.48")
Weight	4.4 kg (9.70 lb)

SIMPLIFIED EU DECLARATION OF CONFORMITY

The full text of the EU declaration of conformity is available at the following internet address:
<https://www.montarbo.com/downloads/>

EMI CLASSIFICATION

According to the standards EN 55032 and 55035 this is a Class B equipment, designed and suitable to operate in residential environments.

NOTICE**For USA Market:**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.
- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

IC warning

- This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.
- Le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.
- This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.
- Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20cm de distance entre la source de rayonnement et votre corps.



Attenersi a tutte le prescrizioni contenute in questo manuale (sezione 1 e 2). Non utilizzare mai le maniglie per appendere i diffusori. Utilizzare solo accessori certificati e personale qualificato.

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Suivez toutes les instructions contenues dans ce manuel (sections 1 et 2). N'utilisez jamais les poignées pour suspendre les enceintes. Utilisez uniquement des accessoires certifiés et un personnel qualifié.

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Respete todas las instrucciones contenidas en este manual (sección 1 y 2). No utilice nunca las manillas para colgar los altavoces. Utilice solo accesorios certificados y trabaje solo con personal cualificado.

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لا تستخدم إلا الملحقات المعتمدة والعمالة المؤهلة.

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PRELIMINARY



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